Volume 39, January-June 1972

Medical
610.5
O1452
vol. 39
1972

OBSTETRICS and GYNECOLOGY

Journal of the American College of Obstetricians and Gynecologists

RICHARD F. MATTINGLY, MD, *Milwaukee*, Editor

RALPH A. REIS, MD, *Chicago*, Emeritus Editor

EDITORIAL BOARD

Elsie R. Carrington, MD, *Philadelphia, Pa.*

Charles E. Flowers, Jr, MD, *Birmingham, Ala*

George W. Mitchell, MD, *Boston, Mass*

J. George Moore, MD, *Los Angeles, Calif*

Edmund W. Overstreet, MD, *San Francisco, Calif*

Roy T. Parker, MD, *Durham, NC*

Harold Schulman, MD, *New York, NY*

Richard W. Stander, MD, *Cincinnati, Ohio*

Published Monthly by the Medical Department • Harper & Row, Hagerstown, Md.

Copyright © 1972 by

THE AMERICAN COLLEGE OF OBSTETRICIANS AND GYNECOLOGISTS

All rights reserved. For information address

MEDICAL DEPARTMENT • HARPER & ROW, PUBLISHERS

2350 Virginia Avenue, Hagerstown, Md. 21740

Printed in the United States of America

Contents

JANUARY

The Embryo — RICHARD F. MATTINGLY — 1

Placental Transfer of Bupivacaine After Paracervical Block — J. M. BEAZLEY, G. TAYLOR *and* FELICITY REYNOLDS — 2

Errors in the Diagnosis of Trichomonas Vaginalis Infection: As observed among 1199 patients — GIZELLA PERL — 7

Cancer of the Cervical Stump: A study of 173 patients — J. P. WOLFF, J. LACOUR, D. CHASSAGNE *and* M. BEREND — 10

Cylindromatous Carcinoma of the Uterine Cervix: A case report — D. J. J. VAN VELDEN *and* JUSTIN T. CHUANG — 17

Colposcopic Selection of Biopsy Sites — BURTON A. KRUMHOLZ *and* ROBERT C. KNAPP — 22

Electrocautery in the Treatment of Incompetent Cervix — EDWARD H. VOGEL — 27

Rhesus Sensitization in Abortion — P. SCOTT GAVIN — 37

Consumptive Coagulopathy With Generalized Hemorrhage After Hypertonic Saline-Induced Abortion: A case report — DAVID R. HALBERT, JOSEPH S. BUFFINGTON, CARLYLE CRENSHAW, ROBERT G. BRAME *and* DONALD SILVER — 41

Habitual Abortion and Toxoplasmosis: Is there a relationship? — PAUL M. SOUTHERN, JR — 45

Uterine Bleeding During Pregnancy. II. Factors relating to its incidence — CHARLES H. PECKHAM — 48

Benign Teratoma of Fallopian Tube: A case report — R. H. DOWDESWELL *and* H. R. PRATT-THOMAS — 52

Thrombosis of Vulvar Varicosities During Pregnancy: A case report — LARRY L. VELTMAN *and* DONALD R. OSTERGARD — 55

Tuboplasty in 130 Patients: Improved results due to stents and preoperative endoscopy — MAXWELL ROLAND *and* DAVID LEISTEN — 57

Adhesions of the Labia Minora: A study of 50 patients — VINCENT J. CAPRARO *and* HARVEY GREENBERG — 65

Sarcoma Botryoides and Pregnancy — YUSUF KECECIOĞLU — 70

Vaginal Reconstruction After Extensive Perineal Resection: A case report — CHARLES S. LUCAS, RONALD E. SHEMWELL *and* JOHN C. WEED — 73

Chorea Gravidarum and Streptococcal Infection — SARAN JONAS, MARIO SPAGNUOLO *and* HOWARD H. KLOTH — 77

Torsion of the Normal Fallopian Tube — ROBERT W. PROVOST — 80

Abnormal Fetal Heart Rate Patterns and Fetal Acid-Base Balance in Low Birth Weight Infants in Relation to Respiratory Distress Syndrome — CALVIN J. HOBEL, MARCIA A. HYVARINEN *and* WILLIAM OH — 83

The Value of Ovarian Biopsy in the Diagnosis and Treatment of Amenorrhea-Related Sterility — M. SHARF, I. ISRAELI *and* G. GRAFF — 89

Syringoma: Three cases with vulvar involvement — SERGIO J. C. CARNEIRO, HERMAN L. GARDNER *and* JOHN M. KNOX — 95

Special Female Hermaphroditism Associated with Multiple Disorders — I. JAMES PARK, ANN JOHANSON, HOWARD W. JONES *and* ROBERT BLIZZARD — 100

Multiple Amniotic Fluid Assays To Predict the Spontaneous Onset of Labor — A. MOLTZ, W. POMERANCE *and* R. WECHSLER — 107

Hepatitis and Positive Cervical Cytology — JOHN H. FORD, JR., RONALD C. DUDAN *and* HERVY E. AVERETTE — 111

CONTENTS

Serum Magnesium Levels of Women Taking An Oral or Long-Term Injectable Progestational Contraceptive — EDWIN DALE *and* GALE SIMPSON 115

Pheochromocytoma in Obstetric Practice — ZYGMUNT Z. BUZANOWSKI, EDWARD O. JORGENSEN *and* ABBAS RAHIMI 120

Uterine Tension and Fetal Heart Rate During Maternal Orgasm — ROBERT C. GOODLIN, WILLIAM SCHMIDT *and* DONALD C. CREEVY 125

Editorial

Staff Reactions to Abortion: A psychiatrist's view — HOWARD D. KIBEL 128

Instrument & Method

Elimination of Second Incision in Laparoscopic Sterilization — CLIFFORD R. WHEELESS, JR 134

Views and Reviews

Subgluteal and Retropsoal Infection in Obstetric Practice — LESTER T. HIBBARD, EDWARD N. SNYDER *and* ROBERT M. MCVANN 137

After Office Hours

Physician Output, Productivity and Task Delegation in Obstetric-Gynecologic Practice in the United States — ALFRED YANKAUER, JAN SCHNEIDER, SALLEY H. JONES, LOUIS M. HELLMAN *and* JACOB J. FELDMAN 151

Letters 162

FEBRUARY

Epidemiology of Epidermoid Carcinoma of the Vulva — ERNEST W. FRANKLIN III *and* FELIX D. RUTLEDGE 165

Reversible Vulvar Atypia: A case report — EDUARD G. FRIEDRICH, JR 173

Coital Injuries of the Vagina — FITZPATRICK WILSON *and* DONALD P. SWARTZ 182

Gammaglobulin As Prophylaxis Against Rubella-Induced Congenital Anomalies — PAUL F. MCCALLIN, DAVID A. FUCCILLO, ANITA C. LEY, MARY RUTH GILKESON, RENEE G. TRAUB *and* JOHN L. SEVER 185

Oral Contraceptives and In Vivo Cytogenetic Studies — LAWRENCE R. SHAPIRO, ZOE R. GRAVES *and* KURT HIRSCHHORN 190

Transverse Vaginal Septum: Histologic and embryologic considerations — LUDWIG M. DEPPISCH 193

Adenocarcinoma of the Endometrium — ARNOLD MOLTZ, WILLIAM POMERANCE, STEVEN STREISFELD *and* NORMAN NECHES 199

Carcinoma of the Cervix and Genital Herpes Virus Infection — MARVIN S. AMSTEY *and* STANLEY F. PATTEN 202

Motility of the Oviduct in the Rhesus Monkey: In vivo studies with and without intrauterine contraceptive devices — ALEXANDER NERI, STEWART L. MARCUS *and* FRITZ FUCHS 205

Fibrinolytic Activity: Changes induced with oral contraceptives — ROGER L. BICK *and* WILLIAM B. THOMPSON 213

Use of a Prophylactic Antibiotic in Elective Major Gynologic Operations — JAMES L. ALLEN, JOHN F. RAMPONE *and* CLIFFORD R. WHEELESS 218

Effects of Catecholamines on Ovarian Contractility in the Rabbit — PRAMUAN VIRUTAMASEN, KAREN H. WRIGHT *and* EDWARD E. WALLACH 225

Erythrocyte Carbonic Anhydrase B Levels During Pregnancy and Use of Oral Contraceptives — J .G. SCHENKER, Y. BEN-YOSEPH *and* E. SHAPIRA 237

CONTENTS

Jaundice with Hepatorenal Failure Associated with Pregnancy or Gynologic Procedures — MORTON A. SCHIFFER *and* IRVING DUNN — 241

Clinical Experience with Oxytocin — ANDREW CORDANO *and* VERNON KRAUS — 247

Placental Transfer of Meperidine HCl — VAN R. JENKINS, II, W. M. TALBERT *and* P. V. DILTS, JR — 254

Bilateral Gonadoblastoma with Dysgerminoma: A case report — H. OLIVER WILLIAMSON *and* H. RAWLING PRATT-THOMAS — 263

Unilateral Streaked Ovary Syndrome — EDWARD A. SLOTNICK *and* ALVIN F. GOLDFARB — 269

Gonorrhea—Diagnosis and Treatment — ARNOLD L. SCHROETER *and* JAMES B. LUCAS — 274

Postoperative Death From Pulmonary and Paradoxic Emboli Containing Transitional Epithelium: A case report — THOMAS WILSON *and* STEVEN N. BECKER — 286

Mycotic Endometritis Due to Candida: A case report — MODESTO RODRIGUEZ, TAKASHI OKAGAKI *and* RALPH M. RICHART — 292

Systolic Time Intervals in the Fetus and Neonate — ROBERT C. GOODLIN, JOHN GIRARD *and* ARNO HOLLMEN — 295

Editorial

Rubella Vaccination: An evolving problem for obstetrics and gynecology — GILLES R. G. MONIF — 304

After Office Hours

Midwives, Male-Midwives, and Nurse-Midwives: An epitome of relationships and roles — C. A. STERN — 308

Physician Opinion Concerning the Utilization of Maternity Nurses in the Practice of Obstetrics and Gynecology — JAN SCHNEIDER, ALFRED YANKAUER, SALLY H. JONES, LOUIS M. HELLMAN *and* JACOB J. FELDMAN — 311

Instrument & Method

Intrauterine Sponge Biopsy: A new technic to screen for early intrauterine malignancy — W. R. CHATFIELD *and* A. D. BREMNER — 323

Low-Cost Outpatient Curettage — ROBERT K. SMITH *and* JACK L. GIBSON — 329

Book Reviews — 332

MARCH

Chain Cystourethrogram and Stress Incontinence — JOHN L. KITZMILLER, GENE A. MANZER, WILLIAM A. NEBEL *and* WILLIAM E. LUCAS — 333

Actinomycin D As Initial Therapy Of Gestational Trophoblastic Disease: A reevaluation — DONALD P. GOLDSTEIN, PAUL WINIG *and* ROBERT L. SHIRLEY — 341

Chromosomes of Condyloma Acuminatum, Paget's Disease, In Situ Carcinoma, Invasive Squamous Cell Carcinoma and Malignant Melanoma of the Human Vulva — K. PAUL KATAYAMA, J. DONALD WOODRUFF, HOWARD W. JONES, JR *and* ELLEN PRESTON — 346

Comparative Blood Loss in Hysterectomies: An apparent effect of carbazochrome salicylate on postoperative infections — EUGENE J. DIEFENBACH — 357

CONTENTS

Maternal Mortality Due to Cysticercus Cerebri: A case report — WILLIAM S. BAZLEY — 362

Quantitative Method of Evaluating the Functional Patency of Human Uterine Tubes: Correlation with 61 laparotomy cases — HERBERT W. HORNE, JR *and* THOMAS KOSASA — 368

Carcinoma In Situ of the Cervix: An analysis of 861 patients — WILLIAM T. CREASMAN *and* FELIX RUTLEDGE — 373

Teratoma of the Uterine Tube: A case report and review of the literature — PAUL MAZZARELLA, TAKASHI OKAGAKI *and* RALPH M. RICHART — 381

Endometrial Histology and Conception Rates After Clomiphene Citrate — EMMET J. LAMB, WILLIAM W. COLLIFLOWER *and* JAMES W. WILLIAMS — 389

Induction of Ovulation and Term Pregnancy in a Hypophysectomized Woman: A case report — JESUS CORRAL, JUAN CALDERON *and* JOSEPH W. GOLDZIEHER — 397

Teamwork in Maternity and Infant Care Projects — PERRY A. HENDERSON *and* VIRGINIA M. HENDERSON — 401

Comparative Analysis of Amniotic Fluid Bilirubin — MARVIN S. AMSTEY, CHARLES J. HOCHBERG, JOHN W. CHOATE, STUART H. WAX *and* CURTIS J. LUND — 407

Treatment of Single-Partner Sexual Dysfunction By Systematic Desensitization — WARREN JEFFREY JONES, JR *and* PHILLIP M. PARK — 411

A Teaching Simulator For Fetal Scalp Sampling — LAURENCE I. BURD, MARTIN MOTEW, *and* JOZEF BIENIARZ — 418

Follow-Up Study of 360 Subjects with Abnormal Carbohydrate Metabolism During Pregnancy — JORGE H. MESTMAN, GAIL V. ANDERSON *and* VIRGINIA GUADALUPE — 421

Gestational and Postpartum Plasma Diamine Oxidase Values — ELSIE R. CARRINGTON, GERTRUDE J. FRISHMUTH, M. JANE OESTERLING, FAE M. ADAMS *and* SUSAN E. COX — 426

Pregnancy and Addison's Disease — S. KHUNDA — 431

Hydrops Fetalis Associated with Idiopathic Arterial Calcification — D. E. DARNELL JONES, KATHLEEN I. PRITCHARD, CAROL A. GIOANNINI, DONALD T. MOORE *and* WILLIAM D. BRADFORD — 435

Amniotic Fluid Electrolytes, Urea and Creatinine in Normal Pregnancy and Cholera During Pregnancy — O. OGUNBODE *and* A. ONIFADE — 441

Experimental Hyperglycemia During Pregnancy and the Puerperium in Suspect Prediabetic Patients With Observations on Serum Insulin — RICHARD L. BURT, NORMAN H. LEAKE *and* A. LEONARD RHYNE — 446

Locked Twins — S. KHUNDA — 453

Relationships of Maternal Nutrition and Weight Gain to Newborn Birthweight — ADEBAYO S. ADEMOWORE, NORMAN G. COUREY *and* JAMES S. KIME — 460

An Evaluation of the Achilles Tendon Reflex Test in Obstetrics and Gynecology — J. B. SKELTON — 465

Instrument & Method

Newborn Circumcision with a New Disposable Instrument — FREDERICK J. MELGES — 470

Reviews

Group A β-Hemolytic Streptococcus: An important cause of serious infections in obstetrics and gynecology — WILLIAM J. LEDGER *and* JOHN T. HEADINGTON — 474

Book Reviews — 483

CONTENTS

APRIL

Primary Carcinoma of Bartholin's Gland: A report of 24 patients
DIKRAN L. CHAMLIAN *and* HERBERT B. TAYLOR 489

Cryosurgical Treatment of Neoplasia of the Uterine Cervix WILLIAM E. CRISP 495

Evaluation of Current Management of Endometrial Carcinoma
CHANDRAKANT A. SHAH *and* THOMAS H. GREEN, JR 500

XO/XX and XO/XY Mosaicism: A study of a family MARTIN SIEGELMAN 510

Familial Recurring Thanatophoric Dwarfism G. GRAFF, J. CHEMKE *and* M. LANCET 515

Membranous Occlusion of the Cervix in Pregnancy NORMAN ALLAN 521

Rubella Reinfection During Early Pregnancy: A case report
ROBERT L. NORTHROP, WILLIAM M. GARDNER *and* WILLIAM F. GEITTMANN 524

$C_1$3 and IgG Levels in Mothers and Babies at Delivery K. G. MILLAR *and* P. MILLS 527

Laminaria Tent As a Cervical Dilator Prior to Aspiration-Type Therapeutic Abortion C. J. EATON, F. COHN *and* C. C. BOLLINGER 533

Coagulation Changes After Hypertonic Saline Infusion for Late Abortions
FRANKLIN D. BROWN, EZRA C. DAVIDSON, JR *and* LOUISE L. PHILLIPS 538

Creation of Neovagina: A simplified technic V. J. CAPRARO *and* E. J. CAPRARO 544

Urologic Complications of the INCO Needle Operation for Urinary Stress Incontinence LOUIS W. DOROSHOW *and* JOEL M. CHERRY 550

Plasma Cholinesterase Deficiency: A possible complication during anesthesia
WILLIAM J. LEMAIRE, EUGENE L. NAGEL *and* J. CRISPIN SMITH 552

Specific Stroma in the Cortex and Medulla of the Ovary. III. Changes induced by ionizing radiation HUGO NAVARINI *and* GUILLERMO REEVES 556

Treatment of Refractory Anovulation with Increased Dosage and Prolonged Duration of Cyclic Clomiphene Citrate
ROBERT ADAMS, DANIEL R. MISHELL *and* ROBERT ISRAEL 562

Arrhenoblastoma: Three case reports
ROBERT B. GREENBLATT, VIRENDRA B. MAHESH *and* RICHARD D. GAMBRELL, JR 567

Bilateral Luteomas of Pregnancy with Virilization
EVELYAN THOMAS, JORGE MESTMAN, CAROL HENNEMAN, GAIL ANDERSON *and* ROBERT HOFFMAN 577

Generalized Bullous Eruption: A cutaneous sign of benign necrotizing pelvic tumors JOSEPH H. ZEIGERMAN *and* KENNETH M. STEIN 585

Ruptured Ectopic Pregnancy after Bilateral Tubal Ligation
T. J. THELIN *and* J. R. VAN NAGELL, JR 589

Placental Score and Neonatal Outcome: A clinical and pathologic study
SILVIO ALADJEM, EUGENE PERRIN *and* AVORY FANAROFF 591

Editorial

National Health Care for Women 603

Instrument and Method

Doppler Ultrasonic Fetal Heart Monitoring During Labor: Comparison with an Internal Monitoring Technic LEWIS SHENKER *and* ROLF KANE 609

CONTENTS

Views and Reviews

Laparoscopy for Puerperal Sterilization
LOUIS KEITH, AUGUSTA WEBSTER, KEIM HOUSER, LOUIS PROCKNICKI ABRAHAM LASH *and* JOHN BARTON 616

Abstracts: Reports on Current Investigation 622

Rook Reviews 641

MAY

Abortion Recidivism: A problem in preventive medicine JOSEPH J. ROVINSKY 649

L/S Ratio in Predicting Pulmonary Maturity in Utero
JOHN C. HOBBINS, WILLIAM BROCK, LEON SPEROFF, GERALD G. ANDERSON *and* BURTON CALDWELL 660

Immunologic Pregnancy Tests: Evaluation of Pregnosticon Dri-dot and Pregnosticon Accuspheres EMMET J. LAMB 665

Fever and Bacteremia Associated with Hypertonic Saline Abortion
CHARLES R. STEINBERG, RICHARD L. BERKOWITZ, IRWIN R. MERKATZ *and* RICHARD B. ROBERTS 673

The Relationship of Amniotic Fluid Sodium to the Latent Period of Saline Abortion HAROLD SCHULMAN *and* GEORGIA RANDOLPH 679

Factors Affecting the Yield of Urinary Estriol
RONALD J. BOLOGNESE, STEPHEN L. CORSON *and* JOSEPH C. TOUCHSTONE 683

Air Embolism and Maternal Death From Therapeutic Abortion ROBERT A. MUNSICK 688

Sacculation of the Pregnant Uterus STEVEN M. WEISSBERG *and* STANLEY A. GALL 691

Anorexia Nervosa Associated with Pregnancy
KENNETH M. LAKOFF *and* JULIAN D. FELDMAN 699

Amniotomy During the Active Phase of Labor
RUSSELL K. LAROS, JR, BRUCE A. WORK, JR *and* WILLIAM C. WITTING 702

Rupture of Septate Uterus Due to Placenta Percreta
KARL J. RIES *and* EDMUND B. MIDDLETON 705

Discordant Monozygous Twins Associated with Amnion Rupture: A case report GABRIEL KHUDR *and* KURT BENIRSCHKE 713

Amniography During Subsequent Pregnancy for Evaluating the Postcesarean Section Uterine Scar
HERIK R. CATERINI, SALVATORE M. RUBINO *and* HAROLD A. KAMINETZKY 717

The Effect of Head Compression on FHR, Brain Metabolism and Function
LEON I. MANN, ANDREW CARMICHAEL *and* SYBIL DUCHIN 721

Serum Protein-Bound Fucose in Patients with Gynecologic Cancers
JOSEPH J. BARLOW *and* PHYLLIS H. DILLARD 727

The Origin and Significance of Vulvar Paget's Disease
WILLIAM C. FETHERSTON *and* EDUARD G. FRIEDRICH, JR 735

Melanoma of the Vulva CHARLES P. MORROW *and* FELIX N. RUTLEDGE 745

Carcinoma of the Urachus: A case report and review
DONALD RUBELL *and* ROBERT F. PORGES 753

Postpartum Tubal Ligation Under Local Anesthesia
ALAN K. MUNSON *and* JAMES R. SCOTT 756

Vaginal Hysterectomy for Sterilization
SAMUEL M. ATKINSON, JR *and* SEABORN M. CHAPPELL 759

CONTENTS

Outpatient Laparoscope Sterilization Under Local Anesthesia
CLIFFORD R. WHEELESS, JR 767

Oral Menopausal Therapy Using 17-β Micronized Estradiol: A preliminary study of effectiveness, tolerance and patient preference
PURVIS L. MARTIN, ANDRE M. BURNIER *and* MARTIN O. GREANEY 771

Coagulation Studies of Menopausal Women Taking Estrogen Replacement
FRITZ K. BELLER, LILA NACHTIGALL *and* MARTIN ROSENBERG 775

Thyroid Status in Long-Term, High-Dose Oral Contraceptive Users
GLORIA VEGA-DE RODRIGUEZ, ABELARDO FUERTES-DE LA HABA *and* IVAN PELEGRINA 779

Vaginal Hysterectomy, the Ureter and Excretory Urography
J. R. VAN NAGELL, JR *and* J. W. RODDICK, JR 784

Clomid Therapy and Subsequent Hydatidiform Mole Formation: A case report
CHARLES I. SCHNEIDERMAN *and* BENNY WAXMAN 787

Polycystic Ovarian Syndrome with Unilateral Cystic Teratoma
CYNTHIA W. COOKE, DONALD MCEVOY *and* EDWARD E. WALLACH 789

Adenofibrocarcinoma of the Ovary: Atypical histologic patterns in four patients
SHELDON I. FREEDMAN 795

Editorial

The Origin of the Word "Eclampsia": A vindication of de Sauvages
LEON C. CHESLEY 802

Ideas and Actions

Human Aspects of Medical Sexuality
ALAN J. WABREK *and* PHILIP M. FELDMAN 805

Instrument and Methods

A Labor Graph Display Unit
BRUCE A. WORK, JR, RUSSELL K. LAROS, JR *and* WILLIAM C. WITTING 807

Book Reviews 810

JUNE

Clinical Uses of Serum FSH and LH Measurements
STANLEY FRIEDMAN 811

Congenital Goiter Due to Maternal Ingestion of Iodides
JAHANGIR AYROMLOOI 818

The Relative Hypothyroid Woman
J. B. SKELTON 823

Radical Vulvectomy for Invasive Squamous Cell Carcinoma of the Vulva
JOHN G. BOUTSELIS 827

Vulvar Carcinoma In Situ in Identical Twins—An Occupational Hazard
EDUARD G. FRIEDRICH, JR. 837

Unilateral Ovarian Dysgenesis with Prenatal Virilization
W. P. DMOWSKI, J. R. BYRD *and* R. B. GREENBLATT 842

Cyclophosphamide Treatment of Lymphoma During Third Trimester of Pregnancy
JOHN A. HARDIN 850

Amniotic Fluid Lecithin/Sphingomyelin Ratio as an Index of Fetal Maturity
W. N. SPELLACY *and* W. C. BUHI 852

Vaginal Cytology of Premature Rupture of Membranes
BRUNO BERCOVICI *and* YORAM Z. DIAMANT 861

CONTENTS

Laboratory Characteristics in Toxemia
JOHN C. MORRISON, D. W. WHYBREW, W. L. WISER, E. T. BUCOVAZ *and* STEWART A. FISH 866

Sickle Cell and Sickle Cell-Hemoglobin C Disease During Pregnancy
EDGAR O. HORGER, III 873

Cystic Fibrosis and Pregnancy JOHN W. LARSEN, JR. 880

Aplastic Anemia in Pregnancy
DENNIS J. COLLINS, DAVID S. ROSENTHAL, DONALD P. GOLDSTEIN *and* WILLIAM C. MOLONEY 884

Pheochromocytoma Associated with Pregnancy
A. D. SPRAGUE, T. J. THELIN *and* P. V. DILTS, JR. 887

Bronchospasm Complicating Intravenous Prostaglandin $F_{2\alpha}$ for Therapeutic Abortion
JOHN I. FISHBURNE, JR., WILLIAM E. BRENNER, JELLE T. BRAAKSMA *and* CHARLES H. HENDRICKS 892

Spontaneous Rupture of a Renal Artery Aneurysm During Pregnancy
STANLEY G. COHEN, ALLAN CASHDAN *and* ROBERT BURGER 897

Postcontraceptive Amenorrhea IRA M. GOLDITCH 903

The Effect of Oral Contraceptives on Microcirculation
J. G. SCHENKER, M. IVRY *and* M. OLIVER 909

A Clinical Study of the Inhiband
CRAIG A. WINKEL, DAVID L. BARCLAY *and* LEE DOYLE 917

Therapeutic Abortion in Maryland, 1968–1970
ROBERT J. MELTON, J. KING B. E. SEEGAR, JR. *and* JOHN L. PITTS 923

Editorial

Ecology of Contraception WILLIAM E. CRISP 931

Views

Augmented Labor HUGH R. K. BARBER, EDWARD A. GRABER *and* ANTHONY ORLANDO 933

Ideas and Actions

Phenylketonuria and The Obstetrician CHARLES F. JOHNSON 942

Instrument & Method

A Graphic Record for Monitoring Labor Induction or Stimulation
WILLIAM C. WITTING 948

Mulligan Hood Removed Through the Laparoscope
GRANT P. BAGLEY 950

Letters 953

Index 957